



# AVTECH ELECTROSYSTEMS LTD.

NANOSECOND WAVEFORM ELECTRONICS  
SINCE 1975

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☒ BOX 5120, LCD MERIVALE  
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CANADA K2C 3H4

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## PERFORMANCE CHECKSHEET

Model: AVP-AV-HV3-P  
Type: Ultra-High-Speed Pulse Generator  
S.N.: 11889  
Date: December 20, 2007

Output Amplitude: 0 to +40V, to 50Ω  
Pulse Width (FWHM): 0.4 – 2 ns  
Rise Time (20%-80%): ≤ 150 ps  
Fall Time (80%-20%): ≤ 300 ps  
PRF: 1 Hz - 1 MHz  
Jitter, Stability: OK  
Prime Power: +15V DC

Basic specifications: →

### Test Waveforms

Minimum PW at 100 kHz, +40V.

Maximum PW at 100 kHz, +40V.

500 ps/div. 20 V/div (200 mV × 40 dB):

500 ps/div. 20 V/div (200 mV × 40 dB):

